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11/12/90

Corporate Environmental Programs  
General Electric Company  
275 Bay Street, 33rd Fl. San Francisco, CA 94111  
415 764 1348

November 12, 1990

Mr. Brad Ewy  
Department of Ecology  
Hazardous Waste Investigations  
and Cleanup Program  
MS PV-11, Woodland Square  
Olympia, Washington 98504-8711

RE: EAST 4323 MISSION AVE., SPOKANE, WASHINGTON

Dear Mr. Ewy:

Pursuant to Paragraph V.D. of Agreed Order #DE 90-05, enclosed is the monthly progress report for the subject site. This report covers the time period from October 1 through October 31, 1990.

If you have any questions or require additional information please contact me.

Very truly yours,

Deborah A. Hankins, Ph.D.  
Manager - Remedial Projects  
Western US and Pacific Rim  
(415) 986-2354

DAH:tkl

cc: R. Stenzel  
D. Morell  
D. Ballbach  
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USEPA SF



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**MONTHLY PROGRESS REPORT  
GENERAL ELECTRIC COMPANY SPOKANE PROJECT  
OCTOBER 1990**

**I. ACTIONS COMPLETED IN OCTOBER 1990:**

**A. Phase 4 Remedial Investigation and ISV Demonstration**

- o Completed the refurbishing work on Mr. Riley's property including replacement of the interior and exterior slabs at the North Warehouse.
- o Completed Health and Safety QA audit of site activities.
- o Completed backfilling of clean cobble on GE and WWP properties.
- o Decontaminated volume reduction equipment and returned the equipment to the supplier; wipe samples were ND for PCB's.
- o Obtained two drums of transformer oil (73% Arochlor 1254) from GE's Portland Service Shop for spiking.
- o Completed emplacement of drummed site soils in test cells 1,3,4 and 5.
- o Completed installation of vertical thermocouple bundles in the five test cells.
- o Completed installation of the 16-inch diameter PVC electrode casings in the test cells.

**B. Phase 5 Remedial Investigation**

- o Instituted logistical preparations associated with mobilizing personnel and equipment to the site on October 8, 1990 to conduct the first quarterly groundwater sampling program. The program consisted of collecting water level measurements, developing the new monitoring wells, purging and collecting groundwater samples and treatment/disposal of the development and purged groundwater. The program required a period of approximately two weeks on site.

- o Developed the six new monitoring wells using the installed Hydrostar stainless steel dedicated sampling pumps to further remove any silts or sand that may have been left from the drilling and/or installation program.
- o Collected water level measurements from each of the 17 groundwater monitoring wells installed on and downgradient of the Mission Avenue Site, private and community wells in the area and from the Spokane River monitoring stations.
- o Collected first quarterly groundwater samples from each of the 17 groundwater monitoring wells installed on and downgradient to the Mission Avenue Site. Groundwater samples were collected for the following analysis: PCB (EPA Method 8080), volatile organics (EPA Method 8240), semi-volatile organics (EPA Method 8270), petroleum hydrocarbons (EPA method 418.1) and total organic carbon (EPA method 9060). All these samples were submitted to Analytical Technologies for analysis. Additional QA/QC Samples were submitted to Pacific Northwest Environmental Laboratories, Inc. (PNEL).
- o Assisted Mr. John Roland of Ecology and Environment, Inc. in the collection of water level readings and split groundwater samples from each of the 17 monitoring wells for submittal to the Manchester contract laboratory for low-level PCB analysis. Ecology and Environment were contracted by Washington Department of Ecology for obtaining spit samples. Golder received Ecology and Environment's Sampling and Analysis Plan on October 12th at the GE site. Golder reviewed the sampling portion of the plan and there does not appear to be any inconsistencies or problems with the collection of the groundwater samples. The analysis portion of the plan is currently under review.
- o Geodetically surveyed the Greene Street River Station and the Community College of Spokane (CCS) monitoring well. The well and the river monitoring station have been tied in with the existing monitoring wells on and downgradient of the Mission Avenue Site.
- o Continued working with representatives of the Community College of Spokane (CCS) to obtain historical and reduced data from the Greene Street Spokane River Station.

## II. Problems Encountered/Potential Solutions

- o None

### **III. Problems Resolved**

- o None

### **IV. Deliverables to WDOE/Dates**

- o Monthly progress reports 11/15, 12/15

### **V. Next Reporting Period Actions Scheduled**

#### **November Actions**

- o Results of the first groundwater sampling round may become available toward the end of the month of November.
- o Begin preparation of technical drawings depicting the monitoring well constructions and sections of the final report detailing the drilling and installation program and the groundwater sampling program.
- o Continued data evaluation of the IA/RI 4 field activities; the draft IA/RI 4 report is due in mid-January.
- o Continued placement of screened contaminated soil in the test cells.
- o Continued placement of concrete and asphalt debris in the test cells.
- o Continued construction of the exterior sand bag and clean cobble walls around the perimeter of the test cells.
- o Continued installation of remaining thermocouple bundles in the test cells
- o Test cell construction to be completed by December 1.

### **VI. Key Staffing Changes**

- o None